

Minutes: Summit Framework Team Meeting  
Rochester, NY  
7:30-10pm, Sunday 4/21/02

Attending: Jean-Noel Leboeuf, Andris Dimits, Bruce Cohen, Yang Chen, Arnold Kritz, Scott Parker, Steve Eckstrand

Steve Eckstrand mentioned that there are plans for SciDAC to continue for 5 years. There will be a renewal process (not a re-compete) for the additional 2 years. That is, if the new integrated modeling program does not supplant our SciDAC funding. There will be a SciDAC PAC review in early June. Current status and results should be given to Bill Nevins.

Arnold Kritz discussed the process and ideas behind the new “Integrated Modeling” initiative. It is presently being reviewed by a FESAC appointed review committee. Known members from our community are Jean-Noel, Dalton Schnack and David Ross. Two-page white papers to help further define the initiative are due to the review committee prior to their meeting May 23-24.

Yang Chen reported split-weight, canonical momentum results for kinetic electrons that seem to have solved the “high beta problem”. Linearly, things are working well both in slab and toroidal. Stay tuned for nonlinear results.

Jean-Noel now has the parallel general magnetic equilibrium version of pg3eq up and running. Is working with Andris and Dan to debug it.

Bruce reported on progress on the kinetic-hybrid closure algorithm. Toroidal code is running. Benchmarking in the low-beta limit with kinetic electron code is underway.

Arnold strongly recommended using CVS. We agreed to get this set up and underway.